

WEST[Help](#) [Logout](#)[Main Menu](#) [Search Form](#) [Posting Counts](#) [Show S Numbers](#) [Edit S Numbers](#)**Search Results -****Terms****Documents**

L7 and (sinter or sintered or sintering) and (infiltration or infiltrated or infiltrate)

16

Database: All Databases (USPT + EPAB + JPAB + DWPI + TDDBD)Refine Search: L7 and (sinter or sintered or sintering)
and (infiltration or infiltrated or
infiltrate)**Search History**

DB Name	Query	Hit Count	Set Name
ALL	L7 and (sinter or sintered or sintering) and (infiltration or infiltrated or infiltrate)	16	<u>L8</u>
ALL	L6 and conductivity and expansion and thermal	623	<u>L7</u>
ALL	L2 and heat adj sink	623	<u>L6</u>
ALL	L4 and (compacted or compact or compacting)	58	<u>L5</u>
ALL	L3 and (sinter or sintered or sintering) and (infiltration or infiltrated or infiltrate)	84	<u>L4</u>
ALL	L2 and (copper or cu) and (molybdenum or mo or tungsten or w)	1058	<u>L3</u>
ALL	L1 and conductivity and expansion and thermal	3676	<u>L2</u>
ALL	gradient or graded	175876	<u>L1</u>

WEST 1.2 Search

WEST

[Help](#) [Logout](#)[Main Menu](#) [Search Form](#) [Posting Counts](#) [Show S Numbers](#) [Edit S Numbers](#)**Search Results - Record(s) 1 through 10 of 16 returned.****1. Document ID: US 5874175 A**

Entry 1 of 16

File: USPT

Feb 23, 1999

US-PAT-NO: 5874175

DOCUMENT-IDENTIFIER: US 5874175 A

TITLE: Ceramic composite

[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Claims](#) [KIMC](#) [Image](#)**2. Document ID: US 5834840 A**

Entry 2 of 16

File: USPT

Nov 10, 1998

US-PAT-NO: 5834840

DOCUMENT-IDENTIFIER: US 5834840 A

TITLE: Net-shape ceramic processing for electronic devices and packages

[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Claims](#) [KIMC](#) [Image](#)**3. Document ID: US 5801073 A**

Entry 3 of 16

File: USPT

Sep 1, 1998

US-PAT-NO: 5801073

DOCUMENT-IDENTIFIER: US 5801073 A

TITLE: Net-shape ceramic processing for electronic devices and packages

[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Claims](#) [KIMC](#) [Image](#)**4. Document ID: US 5753574 A**

Entry 4 of 16

File: USPT

May 19, 1998

US-PAT-NO: 5753574

DOCUMENT-IDENTIFIER: US 5753574 A

TITLE: Metal infiltrated ceramic electrical conductor[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Claims](#) [KIMC](#) [Image](#)**5. Document ID: US 5746267 A**

Entry 5 of 16

File: USPT

May 5, 1998

Terms	Documents
L7 and (sinter or sintered or sintering) and (infiltration or infiltrated or infiltrate)	16

including document number

Display Format:

WEST

[Help](#) [Logout](#)[Main Menu](#) [Search Form](#) [Posting Counts](#) [Show S Numbers](#) [Edit S Numbers](#)

Search Results - Record(s) 11 through 16 of 16 returned.

11. Document ID: US 5230924 A

Entry 11 of 16

File: USPT

Jul 27, 1993

US-PAT-NO: 5230924

DOCUMENT-IDENTIFIER: US 5230924 A

TITLE: Metallized coatings on ceramics for high-temperature uses

[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Claims](#) [KMC](#) [Image](#)

12. Document ID: US 5127072 A

Entry 12 of 16

File: USPT

Jun 30, 1992

US-PAT-NO: 5127072

DOCUMENT-IDENTIFIER: US 5127072 A

TITLE: Laser module with compliant optical fiber coupling

[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Claims](#) [KMC](#) [Image](#)

13. Document ID: US 4954170 A

Entry 13 of 16

File: USPT

Sep 4, 1990

US-PAT-NO: 4954170

DOCUMENT-IDENTIFIER: US 4954170 A

TITLE: Methods of making high performance compacts and products

[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Claims](#) [KMC](#) [Image](#)

14. Document ID: US 4909841 A

Entry 14 of 16

File: USPT

Mar 20, 1990

US-PAT-NO: 4909841

DOCUMENT-IDENTIFIER: US 4909841 A

TITLE: Method of making dimensionally reproducible compacts

[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Claims](#) [KMC](#) [Image](#)

15. Document ID: US 4647546 A

Entry 15 of 16

File: USPT

Mar 3, 1987

US-PAT-NO: 4647546
DOCUMENT-IDENTIFIER: US 4647546 A
TITLE: Polycrystalline cubic boron nitride compact

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Claims](#) | [KMC](#) | [Image](#)

16. Document ID: US 3852099 A

Entry 16 of 16

File: USPT

Dec 3, 1974

US-PAT-NO: 3852099
DOCUMENT-IDENTIFIER: US 3852099 A
TITLE: DENSE SILICON CARBIDE CERAMIC AND METHOD OF MAKING SAME

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Claims](#) | [KMC](#) | [Image](#)

Terms	Documents
L7 and (sinter or sintered or sintering) and (infiltration or infiltrated or infiltrate)	16

[Display 10 Documents](#) including document number [16](#)

Display Format: [TI](#) [Change Format](#)

[Main Menu](#) | [Search Form](#) | [Posting Counts](#) | [Show S Numbers](#) | [Edit S Numbers](#)

[Help](#) | [Logout](#)

	Type	L #	Hits	Search Text	DBs	Time Stamp
1	BRS	L1	4446	(428/547 or 428/550 or 428/553 or 428/555 or 428/567 or 428/569 or 428/577 or 428/610 or 428/613 or 428/618 or 428/620 or 428/637 or 428/649 or 428/650 or 428/655 or 428/656 or 428/686 or 428/627 or 428/634).ccls.	USPAT	2000/04/08 21:43
2	BRS	L2	286	1 and (gradient or graded)	USPAT	2000/04/08 21:44
3	BRS	L3	111	2 and (copper or cu) and (molybdenum or mo or tungsten or w)	USPAT	2000/04/08 21:45
4	BRS	L5	22	3 and conductivity and expansion	USPAT	2000/04/08 22:14
5	BRS	L6	3857	(419/6 or 419/7 or 419/8 or 419/9 or 419/10 or 419/27 or 419/38 or 419/66 or 75/245 or 75/249 or 75/255).ccls.	USPAT	2000/04/08 22:17
6	BRS	L7	922	6 and (cu or copper) and (molybdenum or mo or tungsten or w)	USPAT	2000/04/08 22:17
7	BRS	L9	9	7 and conductivity and expansion and (gradient or graded)	USPAT	2000/04/08 22:25
8	BRS	L10	2327	(228/246 or 257/720 or 257/796 or 361/679 or 361/704 or 361/705 or 361/707 or 361/708 or 361/709 or 361/719).ccls.	USPAT	2000/04/08 22:27
9	BRS	L11	359	10 and conductivity and expansion	USPAT	2000/04/08 22:28
10	BRS	L13	13	11 and (graded or gradient)	USPAT	2000/04/08 22:40

EAST Text Search

	Comments	Error Definition	Errors
1			0
2			0
3			0
4			0
5			0
6			0
7			0
8			0
9			0
10			0

8250

	U	1	Document ID	Issue Date	Pages
1	<input type="checkbox"/>	<input type="checkbox"/>	US 6037066 A	20000314	19
2	<input type="checkbox"/>	<input type="checkbox"/>	US 5780164 A	19980714	14
3	<input type="checkbox"/>	<input type="checkbox"/>	US 5763093 A	19980609	8
4	<input type="checkbox"/>	<input type="checkbox"/>	US 5707715 A	19980113	29
5	<input type="checkbox"/>	<input type="checkbox"/>	US 5705283 A	19980106	8
6	<input type="checkbox"/>	<input type="checkbox"/>	US 5672435 A	19970930	12
7	<input type="checkbox"/>	<input type="checkbox"/>	US 5629097 A	19970513	15

EAST Text Search

	Title	Current OR	Current XRef
1	Functionally gradient material and method for producing the same	428/610	257/675 ; 257/677 ; 257/703 ; 361/708 ; 361/709 ; 428/212 ; 428/469 ; 428/472
2	Computer disk substrate, the process for making same, and the material made therefrom	428/539.5	428/548 ; 428/551 ; 428/552 ; 428/553 ; 428/554 ; 501/87 ; 501/93
3	Aluminum nitride body having graded metallurgy	428/469	428/457 ; 428/472 ; 428/547 ; 428/548 ; 428/552 ; 428/698 ; 428/901
4	Metal ceramic composites with improved interfacial properties and methods to make such composites	428/210	428/209 ; 428/433 ; 428/539.5 ; 428/615 ; 428/620 ; 428/901
5	Tungsten-copper composite material with rhenium protective layer, and its preparation	428/610	427/250 ; 427/255.7 ; 427/405 ; 427/576 ; 427/585 ; 428/655 ; 428/665 ; 428/936
6	Hard disk drive components and methods of making same	428/539.5	428/548 ; 428/551 ; 428/552 ; 428/553 ; 428/554 ; 501/87 ; 501/93 ; 501/96.3
7	Apparatus for fabricating semiconductor lasers	428/594	225/93 ; 428/620 ; 428/636

	U	1	Document ID	Issue Date	Pages
8	<input type="checkbox"/>	<input type="checkbox"/>	US 5597064 A	19970128	28
9	<input type="checkbox"/>	<input type="checkbox"/>	US 5580670 A	19961203	5
10	<input type="checkbox"/>	<input type="checkbox"/>	US 5572725 A	19961105	10
11	<input type="checkbox"/>	<input type="checkbox"/>	US 5552107 A	19960903	9
12	<input type="checkbox"/>	<input type="checkbox"/>	US 5552232 A	19960903	8
13	<input type="checkbox"/>	<input type="checkbox"/>	US 5298337 A	19940329	10
14	<input type="checkbox"/>	<input type="checkbox"/>	US 5209987 A	19930511	28

	Title	Current OR	Current XRef
8	Electric contact materials, production methods thereof and electric contacts used these	200/269	200/268 ; 427/562 ; 427/564 ; 427/566 ; 428/627 ; 428/660 ; 428/662 ; 428/663 ; 428/664 ; 428/665 ; 428/666
9	Heavily thermally stressable component	428/666	428/610 ; 428/663 ; 428/665 ; 428/673 ; 428/675 ; 428/684
10	Epitaxially strengthened single crystal aluminum garnet reinforcement fibers	428/555	428/373 ; 428/375 ; 428/392 ; 428/400 ; 428/404 ; 428/548 ; 428/552 ; 428/554 ; 428/567 ; 428/568 ; 428/610 ; 428/615
11	Aluminum nitride body having graded metallurgy	419/13	428/547 ; 428/548 ; 428/552 ; 428/698
12	Aluminum nitride body having graded metallurgy	428/547	428/548 ; 428/552 ; 428/698
13	Perforated plates for cryogenic regenerators and method of fabrication	428/566	29/890.034 ; 428/569
14	Wire and cable	428/610	428/457 ; 428/623 ; 428/629 ; 428/632 ; 428/661 ; 428/674 ; 439/887

	U	1	Document ID	Issue Date	Pages
15	<input type="checkbox"/>	<input checked="" type="checkbox"/>	US 5126102 A	19920630	23
16	<input type="checkbox"/>	<input type="checkbox"/>	US 4985313 A	19910115	28
17	<input type="checkbox"/>	<input type="checkbox"/>	US 4704338 A	19871103	6
18	<input type="checkbox"/>	<input type="checkbox"/>	US 4455354 A	19840619	19
19	<input type="checkbox"/>	<input type="checkbox"/>	US 4409296 A	19831011	11
20	<input type="checkbox"/>	<input type="checkbox"/>	US 4075364 A	19780221	8
21	<input type="checkbox"/>	<input type="checkbox"/>	US 3920412 A	19751118	6
22	<input type="checkbox"/>	<input type="checkbox"/>	US 3857682 A	19741231	9

	Title	Current OR	Current XRef
15	Fabricating method of composite material	419/2	419/27 ; 419/28 ; 419/49 ; 428/547 ; 428/550 ; 428/610
16	Wire and cable	428/627	428/629 ; 428/632 ; 428/661 ; 428/674 ; 439/887
17	Steel bonded dense silicon nitride compositions and method for their fabrication	428/627	428/679 ; 428/680
18	Dimensionally-controlled cobalt-containing precision molded metal article	428/568	419/17 ; 419/27 ; 428/567
19	Rapidly cast alloy strip having dissimilar portions	428/610	428/678 ; 428/681 ; 428/685 ; 428/925
20	Porous ceramic seals and method of making same	427/447	228/120 ; 228/122.1 ; 29/423 ; 29/458 ; 29/889.71 ; 427/450 ; 427/452 ; 427/453 ; 427/454 ; 427/455 ; 427/456 ; 428/545 ; 428/610 ; 428/621
21	Hard-surfaced castings and method of producing the same	428/627	428/652 ; 428/654 ; 428/656
22	HIGH TEMPERATURE RESISTIVE AND DRY LUBRICATED FILM SURFACES	428/610	204/192.15 ; 418/178 ; 428/623 ; 428/627 ; 428/629 ; 428/651 ; 428/652 ; 428/926 ;

8190

	U	1	Document ID	Issue Date	Pages
1	<input type="checkbox"/>	<input type="checkbox"/>	US 5689797 A	19971118	11
2	<input type="checkbox"/>	<input type="checkbox"/>	US 5509189 A	19960423	20
3	<input type="checkbox"/>	<input type="checkbox"/>	US 5342572 A	19940830	16
4	<input type="checkbox"/>	<input type="checkbox"/>	US 5340533 A	19940823	14
5	<input type="checkbox"/>	<input type="checkbox"/>	US 5126102 A	19920630	23
6	<input type="checkbox"/>	<input type="checkbox"/>	US 5056209 A	19911015	19

EAST
Text
Search

	Title	Current OR	Current XRef
1	Structure and method for compaction of powder-like materials	419/38	148/108 ; 29/419.2 ; 419/49 ; 419/66
2	Method for making an electrochemical cell	29/623.1	117/103 ; 117/108 ; 117/940 ; 117/947 ; 216/94 ; 264/109 ; 419/10 ; 419/19 ; 419/61 ; 427/115 ; 427/126.3 ; 427/126.5 ; 427/248.1 ; 427/77
3	Combustion synthesis process utilizing an ignitable primer which is ignited after application of pressure	419/45	419/38 ; 419/48 ; 419/63
4	Combustion synthesis process utilizing an ignitable primer which is ignited after application of pressure	419/45	419/38 ; 419/48 ; 419/63
5	Fabricating method of composite material	419/2	419/27 ; 419/28 ; 419/49 ; 428/547 ; 428/550 ; 428/610
6	Process for manufacturing clad metal tubing	29/517	138/143 ; 29/521 ; 29/890.036 ; 29/890.053 ; 29/890.054 ; 419/6 ; 419/8

	U	1	Document ID	Issue Date	Pages
7	<input type="checkbox"/>	<input type="checkbox"/>	US 4954170 A	19900904	14
8	<input type="checkbox"/>	<input type="checkbox"/>	US 4909841 A	19900320	9

	Title	Current OR	Current XRef
7	Methods of making high performance compacts and products	75/229	419/11 ; 419/12 ; 419/13 ; 419/14 ; 419/15 ; 419/16 ; 419/17 ; 419/18 ; 419/19 ; 419/21 ; 419/23 ; 419/24 ; 75/232 ; 75/233 ; 75/234 ; 75/236 ; 75/237 ; 75/238 ; 75/240 ; 75/241 ; 75/243 ; 75/244 ; 75/245 ; 75/246 ; 75/248 ; 75/249
8	Method of making dimensionally reproducible compacts	75/233	419/11 ; 419/12 ; 419/13 ; 419/15 ; 419/17 ; 419/18 ; 419/19 ; 419/21 ; 419/23 ; 419/25 ; 419/31 ; 419/33 ; 75/232 ; 75/234 ; 75/235 ; 75/236 ; 75/237 ; 75/238 ; 75/240 ; 75/241 ; 75/243 ; 75/244 ; 75/246 ; 75/247 ; 75/249

	U	1	Document ID	Issue Date	Pages
9	<input type="checkbox"/>	<input type="checkbox"/>	US 4455354 A	19840619	19

	Title	Current OR	Current XRef
9	Dimensionally-controlled cobalt-containing precision molded metal article	428/568	419/17 ; 419/27 ; 428/567

213⁰

	U	1	Document ID	Issue Date	Pages
1	<input type="checkbox"/>	<input type="checkbox"/>	US 6037066 A	20000314	19
2	<input type="checkbox"/>	<input type="checkbox"/>	US 5834840 A	19981110	45
3	<input type="checkbox"/>	<input type="checkbox"/>	US 5673177 A	19970930	15
4	<input type="checkbox"/>	<input type="checkbox"/>	US 5642779 A	19970701	8
5	<input type="checkbox"/>	<input type="checkbox"/>	US 5625229 A	19970429	32
6	<input type="checkbox"/>	<input type="checkbox"/>	US 5606487 A	19970225	19
7	<input type="checkbox"/>	<input type="checkbox"/>	US 5324987 A	19940628	5
8	<input type="checkbox"/>	<input type="checkbox"/>	US 5150748 A	19920929	12
9	<input type="checkbox"/>	<input type="checkbox"/>	US 5122925 A	19920616	10
10	<input type="checkbox"/>	<input type="checkbox"/>	US 4970575 A	19901113	15

Fast Text Search

	Title	Current OR	Current XRef
1	Functionally gradient material and method for producing the same	428/610	257/675 ; 257/677 ; 257/703 ; 361/708 ; 361/709 ; 428/212 ; 428/469 ; 428/472
2	Net-shape ceramic processing for electronic devices and packages	257/705	257/706 ; 257/712 ; 257/713 ; 257/717 ; 257/720
3	Heat sink structure with corrugated wound wire heat conductive elements	361/704	165/185 ; 165/80.3 ; 174/16.3 ; 257/707 ; 257/713 ; 29/890.03 ; 361/690 ; 361/707
4	Heat sink and a process for the production of the same	165/185	165/80.3 ; 361/704
5	Heat sink fin assembly for cooling an LSI package	257/712	257/722 ; 361/697 ; 361/709 ; 361/717
6	Electronic device for offsetting adverse effects of a plurality of chips which repetitively produce large pulses of heat	361/707	257/717 ; 257/748 ; 361/719
7	Electronic apparatus with improved thermal expansion match	257/701	257/705 ; 257/707 ; 257/720
8	Advanced survivable radiator	165/41	165/181 ; 165/185 ; 165/904 ; 244/158R ; 244/163 ; 361/690 ; 361/704 ; 361/708
9	Package for electronic components	361/704	361/730 ; 361/736
10	Semiconductor device	257/786	257/688 ; 361/689 ; 361/704

	U	1	Document ID	Issue Date	Pages
11	<input type="checkbox"/>	<input type="checkbox"/>	US 4788627 A	19881129	6
12	<input type="checkbox"/>	<input type="checkbox"/>	US 4706164 A	19871110	9
13	<input type="checkbox"/>	<input type="checkbox"/>	US 3984861 A	19761005	7

	Title	Current OR	Current XRef
11	Heat sink device using composite metal alloy	361/717	174/16.3 ; 257/712 ; 257/747 ; 361/704
12	Printed circuit card with heat exchanger and method for making such a card	361/701	361/719
13	Transcallent semiconductor device	257/715	165/80.4 ; 174/52.3 ; 257/720 ; 257/747

